

**METHOD AND APPARATUS FOR MULTIPATH DEMODULATION
IN A CODE DIVISION MULTIPLE ACCESS COMMUNICATION
SYSTEM**

ABSTRACT

Multipath RAKE receiver structure that allows for the concurrent demodulation of multipath signals that arrive at the receiver at arbitrarily low arrival time differences. The fingers are set to be a fixed offset from one another. One finger tracks the shift in the peak of the multipath component and the additional fixed offset fingers follow the tracking.